

guide rails;

roping means for suspending said elevator car and said counterweight; and

a winding apparatus engaged with said roping means for moving said roping means for thereby moving said elevator car;

wherein said winding apparatus is installed on an installation member fixed on upper portions of the counterweight guide rails at a position lower than an upper portion of said elevator car when said elevator car is positioned at a highest floor of said hoistway, and a movement stroke of the counterweight is shorter than a movement stroke of the elevator car.

R E M A R K S

Claims 32 to 57 remain in this application.

Responsive to the Examiner's requirement as to which claims are readable on the elected species of Figs. 12-17, it is submitted that these claims are 32-37, 39-41, 43-44, 46, 48, and 52-57.

It is further submitted that claims 52-55 are generic and are allowable for reasons presented in Applicant's response filed April 29, 2002.

Regarding the objections to the drawings as not showing "fixing portions", it is respectfully submitted that the drawings

of record are diagrammatic, and the "fixing portions" are shown therein. For example, if one looks at the sequence of system component positions depicted in Figs. 12 to 17, it can be seen which components have "fixing portions" with respect to other portions. This satisfies 37 CFR 1.83(a). The rule does not require that detailed structure be shown. Diagrammatic illustration should suffice. Accordingly, reconsideration of the objection to the drawings is respectfully requested.

Consequently, it is submitted that Applicant has now responded fully to all issues raised in the Office Actions of November 27, 2001 and July 2, 2002.

For the foregoing reasons, reconsideration of the objections and rejections of record is respectfully requested, and an early notice of allowance is earnestly solicited.

Conclusion

Attached hereto is a marked-up version of the changes made to the application by this Amendment.

In the event there are any matters remaining in this application, the Examiner is invited to contact Mr. Joseph A. Kolasch, Registration No. 22,463 at (703) 205-8000 in the Washington, D.C. area.

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If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachment: Version with Markings to Show Changes Made

(Rev. 02/06/01)



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims have been amended as follows:

37. (amended) The elevator system of claim 32, wherein one end of said roping means is fixed at a fixing portion formed at an upper portion of the hoistway, and a pair of pulleys are, fixed at lower intermediate portions of the elevator car.

38. (amended) The elevator system of claim 32, wherein one end of said roping means is fixed at a lower portion of a side of the elevator car, and the other end of said roping means is fixed at the installation member.

53. (amended) The elevator system of claim 32, wherein the winding apparatus is positioned in an installation region of a front portion or a rear portion in an interior of the hoistway formed as a traveling marginal space, ~~and~~ and the counterweight is positioned below the winding apparatus.

54. (amended) An elevator system without a machine room, comprising:

a hoistway having a pair of elevator car guide rails and a pair of counterweight guide rails, the counterweight guide rails being shorter than the elevator guide rails;

an elevator car movable up and down along the elevator car guide rails;

a counterweight movable up and down along the counterweight guide rails;

roping means for suspending said elevator car and said counterweight; and

a winding apparatus engaged with said roping means for moving said roping means for thereby moving said elevator car;

wherein said winding apparatus is installed on an installation member ~~taxed—fixed~~ on upper portions of the counterweight guide rails at a position lower than an upper portion of said elevator car when said elevator car is positioned at a highest floor of said hoistway, and a movement stroke of the counterweight is shorter than a movement stroke of the elevator car.